

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	783	385/26-28,37,43,129-131.ccls. and @pd>"20060117"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 15:02
L2	74	372/6,64.ccls. and @pd>"20060117"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 15:02
L3	70	(waveguide same grating same cavity).clm.	US-PGPUB	OR	ON	2006/10/04 15:22
L4	7	(waveguide same grating same match\$4 near5 mode).clm.	US-PGPUB	OR	ON	2006/10/04 15:05
L5	1547	waveguide same grating same cavity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 15:06
L6	79	L5 and cavity near5 (gas air gas-filled air-filled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 15:05
L7	253	waveguide same grating same mode near5 match\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 15:07
L8	9	(waveguide same grating same cavity).clm. and 385/37.ccls.	US-PGPUB	OR	ON	2006/10/04 15:22
S1	1379	waveguide same grating same cavity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/04 15:03
S2	63	S1 and cavity near5 (gas air gas-filled air-filled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 12:06
S3	43	S2 and cavity same grating same reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 12:02

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S4	2	waveguide same grating same (gas\$1filled gas adj filled air\$1filled air adj filled) same cavity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 12:05
S5	6	S1 and cavity near5 (gas adj filled air adj filled gas-filled air-filled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/17 12:06
S6	21689	(waveguide same grating) awg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:17
S7	2396	((waveguide same grating) awg) same (cavity void opening hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:32
S8	2	((waveguide same grating) awg) same ((cavity void opening hole) near5 (gas-filled air-filled (gas adj filled) (air adj filled)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:48
S9	3	((waveguide same grating) awg) same ((cavity void opening hole) same (gas-filled air-filled (gas adj filled) (air adj filled)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:21
S11	8411	((waveguide same grating) awg) and (cavity void opening hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:32
S12	33	((waveguide same grating) awg) and ((cavity void opening hole) near5 (gas-filled air-filled (gas adj filled) (air adj filled)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:44
S13	9	((waveguide same grating) awg) and ((cavity void opening hole) near5 (gas-filled air-filled (gas adj filled) (air adj filled))) same (reflect\$3 mirror)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 13:47
S14	3	waveguide same clad\$4 near5 (cavity hole void opening) near3 (gas-filled air-filled gas adj filled air adj filled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:47

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S15	990	waveguide same substrate same grating near3 coupl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:48
S16	1	S15 and ((cavity void opening hole near5 (gas-filled air-filled (gas adj filled) (air adj filled)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:49
S17	3212	waveguide same grating near3 coupl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:48
S18	8	S17 and ((cavity void opening hole near5 (gas-filled air-filled (gas adj filled) (air adj filled)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:50
S19	2	S18 and grating same (hole cavity void opening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 16:57
S20	27	waveguide and grating and cavity near3 (air-filled gas-filled air adj filled gas adj filled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/18 17:02
S21	2	waveguide same grating same (clad\$4 near5 ((anti-reflect\$3 ar adj coat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:39
S22	24	waveguide near5 (taper\$3 flar\$3) same grating near5 (curved elliptic\$4 ellipse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:00
S25	24	waveguide near5 (taper\$3 flar\$3) same grating near5 (curved elliptic\$4 ellipse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:22
S27	24	S25 and grating near5 (curv\$3 ellipse elliptical\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:03

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S28	4	S25 and grating same curv\$3 same (ellipse elliptical\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:02
S29	5	S25 and grating near5 (ellipse elliptical\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:04
S30	1838	waveguide near3 grating near3 coupl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:05
S31	1	S30 same cavity near5 (gas-filled air-filled gas adj filled air adj filled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:09
S32	1	S30 same cladding near5 coat\$3 near3 (anti-reflect\$3 anti adj reflect\$3 ar a-r)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:07
S33	3	S30 same waveguide near5 (taper\$3 flar\$3) and S30 same grating near5 (ellipse elliptical\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:10
S34	5	S30 same waveguide near5 (taper\$3 flar\$3) and S30 same grating near5 curv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:09
S35	221	grating near3 (ellipse elliptic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:14
S36	3	S30 same waveguide near5 (taper\$3 flar\$3) and S30 same grating near5 (ellipse elliptic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:10
S37	1	grating near3 (ellipse elliptic\$4) same grating near3 parabol\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:17

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S38	6	S25 and (ellipse elliptic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:13
S39	28	S35 and (waveguide adj grating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:14
S40	6	grating near3 (ellipse elliptic\$4) and grating near3 parabol\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:17
S41	5	waveguide near5 (taper\$3 flar\$3) same grating near5 circ\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:22
S42	78	waveguide near5 grating same silicon adj wafer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:05
S43	3	waveguide near5 grating same silicon adj wafer same silicon adj dioxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:05
S44	667	cavity near3 clad\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:09
S45	15	S44 same waveguide same grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:13
S46	9	cavity near3 located near3 clad\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:14
S47	10	cavity near3 inside near3 clad\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 17:21

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S48	438	cavity near3 inside near3 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:18
S49	6	S48 and waveguide same grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:18
S50	857	coat\$3 near3 (anti-reflect\$3 anti adj reflect ar a-r a/r) near5 (multi\$1layer\$2 multi\$3 near3 layer\$2 plural\$3 near3 layer\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:23
S51	35	S50 same (quarter adj wave quarter-wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:24
S52	261	S50 same index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:25
S53	30	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:32
S54	1	S51 same (semiconductor silicon) same (dielectric\$2 oxide nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:31
S55	85	S50 same (semiconductor silicon) same (dielectric\$2 oxide nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:31
S56	24	S53 and (semiconductor silicon) same (dielectric\$2 oxide nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 16:30
S57	197	coat\$3 near3 (ar a-r a/r anti adj reflect\$3 anti-reflect\$3) same layer near5 semiconductor near5 dielectric\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:41

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S58	399	coat\$3 near3 (ar a-r a/r anti adj reflect\$3 anti-reflect\$3) same layer near5 silicon near5 dielectric\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:41
S59	71	S57 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:41
S60	3181	385/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 16:53
S61	14	"6285813".pn. "5101459".pn. "5033812".pn. "5436991".pn. "5200939".pn. "5132843".pn. "5742433".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 16:54
S64	1808	372/6,64.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:35
S65	2276	385/26-28.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:35
S66	3381	385/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:35
S67	1285	385/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:35
S68	3647	385/129-131.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:36
S69	1	(S64 S65 S66 S67 S68) and (grating adj coupler AWG) same (cavity void op-ening hole) near3 (gas air) same (mirror reflect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:38

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S70	1	(S64 S65 S66 S67 S68) and (grating adj coupler AWG) same (cavity void op-ening hole) near3 (gas air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:39
S71	0	(S64 S65 S66 S67 S68) and (grating adj coupler AWG) same (flar\$3 taper\$3) same scatter\$3 same match\$3 near5 (mode modal) same silicon\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:40
S72	0	(S64 S65 S66 S67 S68) and (grating adj coupler AWG) same (flar\$3 taper\$3) same scatter\$3 same match\$3 near5 (mode modal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:40
S73	2	(S64 S65 S66 S67 S68) and (grating adj coupler AWG) same scatter\$3 same match\$3 near5 (mode modal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/20 10:40